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of the Colic

I formerly treated of Colic as a form of the intestinal state of fever. This state of Colic is known 1 by its prevailing during the existence of bilious fever. 2 by a discharge of bile upwards or downwards, & 3 by its being attended with fever commonly succeeded by chills. This last mark is taken notice of by Dr. Ydham. It is generally seated in the Liver.

Our business at present is to treat of the Colic as a disease of the alimentary canal & seated chiefly in its muscular fibres & nerves of the Colon. & sometimes vomiting - little or no pain - a retraction of the abdomen - suspension of urine - hicups - tenesmus - but more generally in twinges. It is called Colica Dry belly & belly & bowels & Colic.

Pistronum & Dry belly & bowels & Colic. Sometimes the fæces are ejected by vomiting. The disease is now called "viscerelni".

Some however who have this symptom dr. Rivot who died with it had a total inability to move, & press the abdominal muscles & bowels.

+ a temporary gutta serena, & a quietion
& convulsions
silent delirium sometimes attends this disease.
It has been called by one West India writer an
intoxicated Tetanus. Native & old Immigrants are most subject
to it. Cyder taken in large quantities is said to
produce it - hence its frequency in Devonshire (a
great Cyder Country) in England - Low ^{balsamic} wines also
produce it likewise,

(It is sometimes blended with the symptoms of
the intestinal state of fever. This may always
be known by a discharge of ~~Bile~~ upward or
downwards, or by febrile symptoms particularly
chills or a chill preceding it - Lyellham.

It is - better indirect admet.

+ It was first on Catherine of Russia
by Langster. The next day it ended in
Apoplysy. & Repetto perspiration. It is thus
induced in the East Indies, by one of the
causes that induces tetanus - ~~viz.~~ Slipping on the ground, if
it causes that induces tetanus - ~~viz.~~ Slipping on the ground, if
like a bump on the belly. occurs now
often D Stewart has observed in the
yellow fever. (a) assertions show the

+ ~~causes~~ This disease is induced by the following causes.
It is often called a state of the ~~body~~

1 all the causes which induce Great Hysteric & Hippocracitosis.

2 By certain Aliments taken or other matters taken into the stomach which act directly upon the bowels. These are ^{the stones of fruit & vegetables - cuti-formed around these stones -} venige fruit, raw vegetables - cabbage - wine & milk, fat meats, meat, pork, honey, unfermented liquors, lignous with lead, and the fumes of lead acting upon any part of the body. Cats & dogs especially Geo Behers dogs subject to it. Works this head.

3 By diseases of contiguous parts particularly the liver & kidneys. The former is known

by debilities only on the right side, - the latter by ^{by pulsus on the veins which take to} trid urine, & transparency insusceptibility of the bowels. paines ~~but~~ by ^{of} sweat in the yellow ~~to~~

4 By a deranged state of the bowels from intemperance, & abstinence. It is sometimes complicated with ~~calum~~ ~~in~~ ~~state of the~~ Its exciting causes are most of its own ~~but~~ causes - also strong tea - cold - fatigued

5 - by passions of the mind & even a tight stool. turn over to ~~it~~ ^V descriptions

Descriptions show the
following appendages.^{engaged} Endowments of
disease of any kind. 2 Inflammation.
3 Adhesions of the intestines to each other.
4 Intussusception of the intestines, with
or without the two parts of the intestine adhe-
sing to each other. 5 a Stricture of the intes-
tine of which with a reduced diameter of the
intestines in different parts of the bowels
have the origin of typhus. This was first
discovered by Pygrie. That spasms will sur-
vive death we learn from Dr. Haen who
saw the spasms from tetanus several days
after death. 7 a knot in the intestines like
a tumor. This was discovered by Desnoebe. 8.
water in the brain. ~~end~~ go to p. 34 (6)
9 absence of fever. ~~the disease is invited by~~
~~natural or acquired~~
~~for absorption predisposition~~
~~acquired~~ The same remote & exciting causes
which induce it, bring on other diseases
in other persons who are affected by predis-
position in other systems. I have once known
this intestinal predisposition to be hereditary. See of the
go back to Dissections (A)

(6)

3

Are there any premonitory symptoms of this disease? - yes - they are cold & dry feet - flatulency - costiveness & slight pain. Here a purge - the pediluvium - or a few drops of laud. frequently prevent a progress of the disease, & thus destroy its nervousness, for it is as much continued by habit as Epilepsy, or intermission^g fever. By the use of 9th X of Laud. taken under the above circumstances I have prevented it often, & I have twice known it eradicated by it. I once knew riding a few miles in the forming state of this disease to prevent a fit, & afterwards to stop its repetition.

~~Natural or an acquired ^{intestinal} predisposition which is always attended~~
~~Debility is its predisposing cause, &~~

Spasmodic or clonic ~~that~~ form of
enormous excitement, ^{or disease} which constitutes

its protracted course. Take notice
this Debility and Spasms affect the nervous muscular
fibres of the intestines firstly. These blood vessels are
severely affected in it hence the general

Robert W. H.

~~4~~ The book divides itself into two parts. viz: the treatment of the paroxysm, and the preventing its occurrence, or curing the colic by diarrhoea. ~~or the intestinal predisposition~~

I Remedies for paroxysm are

1st. — what bleed — where there is no fever — no tension — or hardness of the pulse — and no inflammation? Yes — bleed to prevent your inflam: — — may more bleed — to prevent death without either of them. Recollect the facts from Morgagni ^{formerly mentioned} who saw death from Colic in which ~~they~~ he discovered no one sign of inflam: or mortification. Disease here transcends inflam effusion. — Bleeding alone often cures Colic especially where it induces fainting. If it facilitates the reduction of a

+ It is indicated more certainly when the
Colic arises from Gout, or an affection of
the liver or kidneys.

v I have seen water in which tobacco
smoke has been blown by a pipe, taken
in a small quantity give as sudden
relief as Lig: Laud^m. ~~Burdock~~^{The} seeds of
the Burdock made into a tea have in one
instance that came under my knowledge given
immediate relief. After the pain in the bowels
has been removed (not before) give 3^{oz}

+ I know an ancient citizen of Philad^{:t} who
has often cured himself of this disease in its first
Attack by drinking ~~l~~ of cold water. He was led
to the use of it by reading a publication by
Dr Franklin. in the year It acts by its sudative and
relaxing quality.
~~the Hypsository made there kept in the Arms~~
made of the following Ingredients has been found
useful. Rx Thun: myrrh & Croci a ℥o Opii 2i mixed
up in the York of an Egg Shoney. Opt: German.

dislocated bone, & opens the pain of
posture, is it any wonder it sudden-
ly comes a colic. The Col. shd be copious,
or repeated till the pain is so far miti-
gated, as to render

2 Opium safe & proper. It should be
given in small, but repeated doses till
ease is obtained. Asapatida given with it
Dr Quin says tends to prevent palp of the limbs.

3 Laxative medicines. Begin with Sals.

Cum. Tartar & Castor Oil - afterwards
give Salap, Rhubarb & Calomel. Aid
them by opening Glysters. ~~These~~

may stimulate from ^{the} quality
Tusentine, Brandy ^{or} ~~or~~ ^{more} of Tobacco
as Salts, &c or from their quantity

from 8ij to this ^{be} of warm water
injected into the bowels have often

cured this disease by distending the bowels.
I have ^{Tobacco} ~~Glysters of smoke & infusion of tobacco~~ instances related &
opened by the bowels by Glyster of cold water.

Mollat ³ grain of Sennet in Bowls ² ₃ of Stomach

V = more mode of treating this disease, but the late Dr Cadwallader of this city improved it by never giving laxative and before the 4th or 5th day, & then those of the most lenient kind. The late Dr Warren of London has adopted this practice, and has recommended it in high terms in the medical Transactions. Despite ^{he says} it saves the limbs from palsy, & shortens the duration of the disease. Possibly the use of V.S. may under this slow mode of cure less necessary. — I have never met with a case of palsy in ~~as~~ any person of any patients, ^{for} and I have bled in the Colic for ~~many~~ 20 years. The time to begin to give prunes Dr Warren says is when the pain assumes the form of gripping, & is felt below the naval.

+ applied to ankles or feet often gives more prompt relief than Blisters. It should be applied where we wished ^a prompt effect. Charder.

6

In the West Indies Gum Guajac & Sae-a-zij
Agouti Tiz have have given with advantage.
~~also Selenites Tiz this is dos. 8-12 lbs by Dr. Gaunties.~~

Guade & has sometimes been given to open
the bowels, but I believe seldom with
any advantage. ~~This is the com-~~ ^{gent.} ~~is the com-~~

3 By the warm Bath. This should never
be omitted. I have often run it at like
as charms in giving ease, & opening the
bowels.

5 Blisters. They should be applied to the
Thighs waist, & ankles. I have often
used them with success. Remember the
connections between the skin & the
bowels. Dr Thiry calls their antagonist
muscles. Dr Geo Baker advises them to the bowels, not
6 ^{muscular} Rejoicing ^{stimulating} Applications external region of the
~~friction~~ ^{App.} Applications to the bowels
such as Sweet oil - Spirit - Laudanum,
& even friction with a warm & dry
hand.

The property of this remedy is proved by a
✓ ~~Warren says he~~ ^{having cured} ~~face a spontaneous~~
~~salivation cure it in 4 cases related by Dr~~
Warren. ^{in his} ~~that a nation of~~
I made is the late informed one the Indians
whom he saw on his way to the Pacific ocean, cured
the Colic by daily trudging over the hills of persons
affected with it. The patients mounting on themselves
+ by passing their bellies against a Stick. —
+ no relief should be considered as certain
or durable, until a Diarrhea is induced, or
— a gripping felt below the Navel.

7

Throwing cold water all over the belly,
after placing the patient upon his feet
upon a hearth. It induces reaction &
a determination to the skin, which
sometimes gives immediate relief.

The late Dr Bastram used it with success
in South Carolina, ^{Doctor in his city} I know not what
~~who used to wash himself by drinking instead of cold water. It had~~
~~been advised by Franklin in one of~~
~~his publications.~~ & a salivation. This is an almost certain
remedy. The bowels open as soon as the
soups takes place in the mouth. ^{✓ Day}

The symptoms of a favourable
issue of the disease are.

- 1 a discharge of wind downwards.
- 2 a plentiful discharge of urine after
it has been obstructed. 4 a gentle sweat,
- 3 the discharge of Sphalla. 5 D^o of Worms

6 great sensibility of the skin especially
on the lower limbs, & soles of the feet. &
It often terminates in palsy of the
lower & upper extremities, from ⁼ lymphsy

The only
& few women who has escaped it in a warm
city in this city
of lead bed lives wholly on fat pork.

✓ Francis Citesius a French physician
who wrote in the year 1639, says this disease
made its appearance immediately after the
disease of furs & skins in Drifts - a proof that
cold is one of its remote & exciting cause!
- The feet in a more especial manner shd.
be protected from wet & cold.

① This disease was very common while I
was a student of medicine, & for the first few
years after I settled in Philad^a: - It is now a rare
disease. I have ascribed its ~~to~~ disappearance to
~~these~~ things. 1 The more general use of flannel
next to the skin among both sexes - 2 to the
disuse of Journeying at 12 o'clock 3 the abolition of late
and heavy fopovers: 4 right air in porches.
The two former have
nearly driven it from West Indis. And Drinks
with warmth show their morbid effects only in the
birds in the form of Schizocercosis & But not

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between those parts of the bowels - that
is from both being affected with palsey.
The palsey of the bowels is owing to their
being left to wear out their excretional
excitability from the want of depurating
remedies. Vs. I believe we always founders
it. I have all its exciting causes shd be avoided.
~~I have never had a colic which~~
~~ended in palsey under my care.~~ —

The propylaxis, or preventing
the recurrence of this disease. The means
for this purpose are

- 1 Avoiding all its remote & existing
causes. ~~especially~~ ^{should be avoided.} ~~constitutions~~ & an excellent
~~2 avoiding~~ ² medicine for this purpose
~~2 diet~~ ² ~~constitutions~~ is a tea composed of
Ende tartar - Curc: & Sal Tart ap: called 3 tartars ^{The very smell of paint when}
~~imaging~~ ^{from} ~~which~~ ^{had been} ^{had been} ^{revisited it} ^{been}
2 A diet of oily aliment - ~~which~~ ^{which} ^{had been} ^{responded} ^{to} ^{finger} ^{leeches}
who live on York exempted from it.
~~3~~ ⁴ ⁵ ⁶ ⁷ ⁸ ⁹ ¹⁰ ¹¹ ¹² ¹³ ¹⁴ ¹⁵ ¹⁶ ¹⁷ ¹⁸ ¹⁹ ²⁰ ²¹ ²² ²³ ²⁴ ²⁵ ²⁶ ²⁷ ²⁸ ²⁹ ³⁰ ³¹ ³² ³³ ³⁴ ³⁵ ³⁶ ³⁷ ³⁸ ³⁹ ⁴⁰ ⁴¹ ⁴² ⁴³ ⁴⁴ ⁴⁵ ⁴⁶ ⁴⁷ ⁴⁸ ⁴⁹ ⁵⁰ ⁵¹ ⁵² ⁵³ ⁵⁴ ⁵⁵ ⁵⁶ ⁵⁷ ⁵⁸ ⁵⁹ ⁶⁰ ⁶¹ ⁶² ⁶³ ⁶⁴ ⁶⁵ ⁶⁶ ⁶⁷ ⁶⁸ ⁶⁹ ⁷⁰ ⁷¹ ⁷² ⁷³ ⁷⁴ ⁷⁵ ⁷⁶ ⁷⁷ ⁷⁸ ⁷⁹ ⁸⁰ ⁸¹ ⁸² ⁸³ ⁸⁴ ⁸⁵ ⁸⁶ ⁸⁷ ⁸⁸ ⁸⁹ ⁹⁰ ⁹¹ ⁹² ⁹³ ⁹⁴ ⁹⁵ ⁹⁶ ⁹⁷ ⁹⁸ ⁹⁹ ¹⁰⁰ ¹⁰¹ ¹⁰² ¹⁰³ ¹⁰⁴ ¹⁰⁵ ¹⁰⁶ ¹⁰⁷ ¹⁰⁸ ¹⁰⁹ ¹¹⁰ ¹¹¹ ¹¹² ¹¹³ ¹¹⁴ ¹¹⁵ ¹¹⁶ ¹¹⁷ ¹¹⁸ ¹¹⁹ ¹²⁰ ¹²¹ ¹²² ¹²³ ¹²⁴ ¹²⁵ ¹²⁶ ¹²⁷ ¹²⁸ ¹²⁹ ¹³⁰ ¹³¹ ¹³² ¹³³ ¹³⁴ ¹³⁵ ¹³⁶ ¹³⁷ ¹³⁸ ¹³⁹ ¹⁴⁰ ¹⁴¹ ¹⁴² ¹⁴³ ¹⁴⁴ ¹⁴⁵ ¹⁴⁶ ¹⁴⁷ ¹⁴⁸ ¹⁴⁹ ¹⁵⁰ ¹⁵¹ ¹⁵² ¹⁵³ ¹⁵⁴ ¹⁵⁵ ¹⁵⁶ ¹⁵⁷ ¹⁵⁸ ¹⁵⁹ ¹⁶⁰ ¹⁶¹ ¹⁶² ¹⁶³ ¹⁶⁴ ¹⁶⁵ ¹⁶⁶ ¹⁶⁷ ¹⁶⁸ ¹⁶⁹ ¹⁷⁰ ¹⁷¹ ¹⁷² ¹⁷³ ¹⁷⁴ ¹⁷⁵ ¹⁷⁶ ¹⁷⁷ ¹⁷⁸ ¹⁷⁹ ¹⁸⁰ ¹⁸¹ ¹⁸² ¹⁸³ ¹⁸⁴ ¹⁸⁵ ¹⁸⁶ ¹⁸⁷ ¹⁸⁸ ¹⁸⁹ ¹⁹⁰ ¹⁹¹ ¹⁹² ¹⁹³ ¹⁹⁴ ¹⁹⁵ ¹⁹⁶ ¹⁹⁷ ¹⁹⁸ ¹⁹⁹ ²⁰⁰ ²⁰¹ ²⁰² ²⁰³ ²⁰⁴ ²⁰⁵ ²⁰⁶ ²⁰⁷ ²⁰⁸ ²⁰⁹ ²¹⁰ ²¹¹ ²¹² ²¹³ ²¹⁴ ²¹⁵ ²¹⁶ ²¹⁷ ²¹⁸ ²¹⁹ ²²⁰ ²²¹ ²²² ²²³ ²²⁴ ²²⁵ ²²⁶ ²²⁷ ²²⁸ ²²⁹ ²³⁰ ²³¹ ²³² ²³³ ²³⁴ ²³⁵ ²³⁶ ²³⁷ ²³⁸ ²³⁹ ²⁴⁰ ²⁴¹ ²⁴² ²⁴³ ²⁴⁴ ²⁴⁵ ²⁴⁶ ²⁴⁷ ²⁴⁸ ²⁴⁹ ²⁵⁰ ²⁵¹ ²⁵² ²⁵³ ²⁵⁴ ²⁵⁵ ²⁵⁶ ²⁵⁷ ²⁵⁸ ²⁵⁹ ²⁶⁰ ²⁶¹ ²⁶² ²⁶³ ²⁶⁴ ²⁶⁵ ²⁶⁶ ²⁶⁷ ²⁶⁸ ²⁶⁹ ²⁷⁰ ²⁷¹ ²⁷² ²⁷³ ²⁷⁴ ²⁷⁵ ²⁷⁶ ²⁷⁷ ²⁷⁸ ²⁷⁹ ²⁸⁰ ²⁸¹ ²⁸² ²⁸³ ²⁸⁴ ²⁸⁵ ²⁸⁶ ²⁸⁷ ²⁸⁸ ²⁸⁹ ²⁹⁰ ²⁹¹ ²⁹² ²⁹³ ²⁹⁴ ²⁹⁵ ²⁹⁶ ²⁹⁷ ²⁹⁸ ²⁹⁹ ³⁰⁰ ³⁰¹ ³⁰² ³⁰³ ³⁰⁴ ³⁰⁵ ³⁰⁶ ³⁰⁷ ³⁰⁸ ³⁰⁹ ³¹⁰ ³¹¹ ³¹² ³¹³ ³¹⁴ ³¹⁵ ³¹⁶ ³¹⁷ ³¹⁸ ³¹⁹ ³²⁰ ³²¹ ³²² ³²³ ³²⁴ ³²⁵ ³²⁶ ³²⁷ ³²⁸ ³²⁹ ³³⁰ ³³¹ ³³² ³³³ ³³⁴ ³³⁵ ³³⁶ ³³⁷ ³³⁸ ³³⁹ ³⁴⁰ ³⁴¹ ³⁴² ³⁴³ ³⁴⁴ ³⁴⁵ ³⁴⁶ ³⁴⁷ ³⁴⁸ ³⁴⁹ ³⁵⁰ ³⁵¹ ³⁵² ³⁵³ ³⁵⁴ ³⁵⁵ ³⁵⁶ ³⁵⁷ ³⁵⁸ ³⁵⁹ ³⁶⁰ ³⁶¹ ³⁶² ³⁶³ ³⁶⁴ ³⁶⁵ ³⁶⁶ ³⁶⁷ ³⁶⁸ ³⁶⁹ ³⁷⁰ ³⁷¹ ³⁷² ³⁷³ ³⁷⁴ ³⁷⁵ ³⁷⁶ ³⁷⁷ ³⁷⁸ ³⁷⁹ ³⁸⁰ ³⁸¹ ³⁸² ³⁸³ ³⁸⁴ ³⁸⁵ ³⁸⁶ ³⁸⁷ ³⁸⁸ ³⁸⁹ ³⁹⁰ ³⁹¹ ³⁹² ³⁹³ ³⁹⁴ ³⁹⁵ ³⁹⁶ ³⁹⁷ ³⁹⁸ ³⁹⁹ ⁴⁰⁰ ⁴⁰¹ ⁴⁰² ⁴⁰³ ⁴⁰⁴ ⁴⁰⁵ ⁴⁰⁶ ⁴⁰⁷ ⁴⁰⁸ ⁴⁰⁹ ⁴¹⁰ ⁴¹¹ ⁴¹² ⁴¹³ ⁴¹⁴ ⁴¹⁵ ⁴¹⁶ ⁴¹⁷ ⁴¹⁸ ⁴¹⁹ ⁴²⁰ ⁴²¹ ⁴²² ⁴²³ ⁴²⁴ ⁴²⁵ ⁴²⁶ ⁴²⁷ ⁴²⁸ ⁴²⁹ ⁴³⁰ ⁴³¹ ⁴³² ⁴³³ ⁴³⁴ ⁴³⁵ ⁴³⁶ ⁴³⁷ ⁴³⁸ ⁴³⁹ ⁴⁴⁰ ⁴⁴¹ ⁴⁴² ⁴⁴³ ⁴⁴⁴ ⁴⁴⁵ ⁴⁴⁶ ⁴⁴⁷ ⁴⁴⁸ ⁴⁴⁹ ⁴⁵⁰ ⁴⁵¹ ⁴⁵² ⁴⁵³ ⁴⁵⁴ ⁴⁵⁵ ⁴⁵⁶ ⁴⁵⁷ ⁴⁵⁸ ⁴⁵⁹ ⁴⁶⁰ ⁴⁶¹ ⁴⁶² ⁴⁶³ ⁴⁶⁴ ⁴⁶⁵ ⁴⁶⁶ ⁴⁶⁷ ⁴⁶⁸ ⁴⁶⁹ ⁴⁷⁰ ⁴⁷¹ ⁴⁷² ⁴⁷³ ⁴⁷⁴ ⁴⁷⁵ ⁴⁷⁶ ⁴⁷⁷ ⁴⁷⁸ ⁴⁷⁹ ⁴⁸⁰ ⁴⁸¹ ⁴⁸² ⁴⁸³ ⁴⁸⁴ ⁴⁸⁵ ⁴⁸⁶ ⁴⁸⁷ ⁴⁸⁸ ⁴⁸⁹ ⁴⁹⁰ ⁴⁹¹ ⁴⁹² ⁴⁹³ ⁴⁹⁴ ⁴⁹⁵ ⁴⁹⁶ ⁴⁹⁷ ⁴⁹⁸ ⁴⁹⁹ ⁵⁰⁰ ⁵⁰¹ ⁵⁰² ⁵⁰³ ⁵⁰⁴ ⁵⁰⁵ ⁵⁰⁶ ⁵⁰⁷ ⁵⁰⁸ ⁵⁰⁹ ⁵¹⁰ ⁵¹¹ ⁵¹² ⁵¹³ ⁵¹⁴ ⁵¹⁵ ⁵¹⁶ ⁵¹⁷ ⁵¹⁸ ⁵¹⁹ ⁵²⁰ ⁵²¹ ⁵²² ⁵²³ ⁵²⁴ ⁵²⁵ ⁵²⁶ ⁵²⁷ ⁵²⁸ ⁵²⁹ ⁵³⁰ ⁵³¹ ⁵³² ⁵³³ ⁵³⁴ ⁵³⁵ ⁵³⁶ ⁵³⁷ ⁵³⁸ ⁵³⁹ ⁵⁴⁰ ⁵⁴¹ ⁵⁴² ⁵⁴³ ⁵⁴⁴ ⁵⁴⁵ ⁵⁴⁶ ⁵⁴⁷ ⁵⁴⁸ ⁵⁴⁹ ⁵⁵⁰ ⁵⁵¹ ⁵⁵² ⁵⁵³ ⁵⁵⁴ ⁵⁵⁵ ⁵⁵⁶ ⁵⁵⁷ ⁵⁵⁸ ⁵⁵⁹ ⁵⁶⁰ ⁵⁶¹ ⁵⁶² ⁵⁶³ ⁵⁶⁴ ⁵⁶⁵ ⁵⁶⁶ ⁵⁶⁷ ⁵⁶⁸ ⁵⁶⁹ ⁵⁷⁰ ⁵⁷¹ ⁵⁷² ⁵⁷³ ⁵⁷⁴ ⁵⁷⁵ ⁵⁷⁶ ⁵⁷⁷ ⁵⁷⁸ ⁵⁷⁹ ⁵⁸⁰ ⁵⁸¹ ⁵⁸² ⁵⁸³ ⁵⁸⁴ ⁵⁸⁵ ⁵⁸⁶ ⁵⁸⁷ ⁵⁸⁸ ⁵⁸⁹ ⁵⁹⁰ ⁵⁹¹ ⁵⁹² ⁵⁹³ ⁵⁹⁴ ⁵⁹⁵ ⁵⁹⁶ ⁵⁹⁷ ⁵⁹⁸ ⁵⁹⁹ ⁶⁰⁰ ⁶⁰¹ ⁶⁰² ⁶⁰³ ⁶⁰⁴ ⁶⁰⁵ ⁶⁰⁶ ⁶⁰⁷ ⁶⁰⁸ ⁶⁰⁹ ⁶¹⁰ ⁶¹¹ ⁶¹² ⁶¹³ ⁶¹⁴ ⁶¹⁵ ⁶¹⁶ ⁶¹⁷ ⁶¹⁸ ⁶¹⁹ ⁶²⁰ ⁶²¹ ⁶²² ⁶²³ ⁶²⁴ ⁶²⁵ ⁶²⁶ ⁶²⁷ ⁶²⁸ ⁶²⁹ ⁶³⁰ ⁶³¹ ⁶³² ⁶³³ ⁶³⁴ ⁶³⁵ ⁶³⁶ ⁶³⁷ ⁶³⁸ ⁶³⁹ ⁶⁴⁰ ⁶⁴¹ ⁶⁴² ⁶⁴³ ⁶⁴⁴ ⁶⁴⁵ ⁶⁴⁶ ⁶⁴⁷ ⁶⁴⁸ ⁶⁴⁹ ⁶⁵⁰ ⁶⁵¹ ⁶⁵² ⁶⁵³ ⁶⁵⁴ ⁶⁵⁵ ⁶⁵⁶ ⁶⁵⁷ ⁶⁵⁸ ⁶⁵⁹ ⁶⁶⁰ ⁶⁶¹ ⁶⁶² ⁶⁶³ ⁶⁶⁴ ⁶⁶⁵ ⁶⁶⁶ ⁶⁶⁷ ⁶⁶⁸ ⁶⁶⁹ ⁶⁷⁰ ⁶⁷¹ ⁶⁷² ⁶⁷³ ⁶⁷⁴ ⁶⁷⁵ ⁶⁷⁶ ⁶⁷⁷ ⁶⁷⁸ ⁶⁷⁹ ⁶⁸⁰ ⁶⁸¹ ⁶⁸² ⁶⁸³ ⁶⁸⁴ ⁶⁸⁵ ⁶⁸⁶ ⁶⁸⁷ ⁶⁸⁸ ⁶⁸⁹ ⁶⁹⁰ ⁶⁹¹ ⁶⁹² ⁶⁹³ ⁶⁹⁴ ⁶⁹⁵ ⁶⁹⁶ ⁶⁹⁷ ⁶⁹⁸ ⁶⁹⁹ ⁷⁰⁰ ⁷⁰¹ ⁷⁰² ⁷⁰³ ⁷⁰⁴ ⁷⁰⁵ ⁷⁰⁶ ⁷⁰⁷ ⁷⁰⁸ ⁷⁰⁹ ⁷¹⁰ ⁷¹¹ ⁷¹² ⁷¹³ ⁷¹⁴ ⁷¹⁵ ⁷¹⁶ ⁷¹⁷ ⁷¹⁸ ⁷¹⁹ ⁷²⁰ ⁷²¹ ⁷²² ⁷²³ ⁷²⁴ ⁷²⁵ ⁷²⁶ ⁷²⁷ ⁷²⁸ ⁷²⁹ ⁷³⁰ ⁷³¹ ⁷³² ⁷³³ ⁷³⁴ ⁷³⁵ ⁷³⁶ ⁷³⁷ ⁷³⁸ ⁷³⁹ ⁷⁴⁰ ⁷⁴¹ ⁷⁴² ⁷⁴³ ⁷⁴⁴ ⁷⁴⁵ ⁷⁴⁶ ⁷⁴⁷ ⁷⁴⁸ ⁷⁴⁹ ⁷⁵⁰ ⁷⁵¹ ⁷⁵² ⁷⁵³ ⁷⁵⁴ ⁷⁵⁵ ⁷⁵⁶ ⁷⁵⁷ ⁷⁵⁸ ⁷⁵⁹ ⁷⁶⁰ ⁷⁶¹ ⁷⁶² ⁷⁶³ ⁷⁶⁴ ⁷⁶⁵ ⁷⁶⁶ ⁷⁶⁷ ⁷⁶⁸ ⁷⁶⁹ ⁷⁷⁰ ⁷⁷¹ ⁷⁷² ⁷⁷³ ⁷⁷⁴ ⁷⁷⁵ ⁷⁷⁶ ⁷⁷⁷ ⁷⁷⁸ ⁷⁷⁹ ⁷⁸⁰ ⁷⁸¹ ⁷⁸² ⁷⁸³ ⁷⁸⁴ ⁷⁸⁵ ⁷⁸⁶ ⁷⁸⁷ ⁷⁸⁸ ⁷⁸⁹ ⁷⁹⁰ ⁷⁹¹ ⁷⁹² ⁷⁹³ ⁷⁹⁴ ⁷⁹⁵ ⁷⁹⁶ ⁷⁹⁷ ⁷⁹⁸ ⁷⁹⁹ ⁸⁰⁰ ⁸⁰¹ ⁸⁰² ⁸⁰³ ⁸⁰⁴ ⁸⁰⁵ ⁸⁰⁶ ⁸⁰⁷ ⁸⁰⁸ ⁸⁰⁹ ⁸¹⁰ ⁸¹¹ ⁸¹² ⁸¹³ ⁸¹⁴ ⁸¹⁵ ⁸¹⁶ ⁸¹⁷ ⁸¹⁸ ⁸¹⁹ ⁸²⁰ ⁸²¹ ⁸²² ⁸²³ ⁸²⁴ ⁸²⁵ ⁸²⁶ ⁸²⁷ ⁸²⁸ ⁸²⁹ ⁸³⁰ ⁸³¹ ⁸³² ⁸³³ ⁸³⁴ ⁸³⁵ ⁸³⁶ ⁸³⁷ ⁸³⁸ ⁸³⁹ ⁸⁴⁰ ⁸⁴¹ ⁸⁴² ⁸⁴³ ⁸⁴⁴ ⁸⁴⁵ ⁸⁴⁶ ⁸⁴⁷ ⁸⁴⁸ ⁸⁴⁹ ⁸⁵⁰ ⁸⁵¹ ⁸⁵² ⁸⁵³ ⁸⁵⁴ ⁸⁵⁵ ⁸⁵⁶ ⁸⁵⁷ ⁸⁵⁸ ⁸⁵⁹ ⁸⁶⁰ ⁸⁶¹ ⁸⁶² ⁸⁶³ ⁸⁶⁴ ⁸⁶⁵ ⁸⁶⁶ ⁸⁶⁷ ⁸⁶⁸ ⁸⁶⁹ ⁸⁷⁰ ⁸⁷¹ ⁸⁷² ⁸⁷³ ⁸⁷⁴ ⁸⁷⁵ ⁸⁷⁶ ⁸⁷⁷ ⁸⁷⁸ ⁸⁷⁹ ⁸⁸⁰ ⁸⁸¹ ⁸⁸² ⁸⁸³ ⁸⁸⁴ ⁸⁸⁵ ⁸⁸⁶ ⁸⁸⁷ ⁸⁸⁸ ⁸⁸⁹ ⁸⁹⁰ ⁸⁹¹ ⁸⁹² ⁸⁹³ ⁸⁹⁴ ⁸⁹⁵ ⁸⁹⁶ ⁸⁹⁷ ⁸⁹⁸ ⁸⁹⁹ ⁹⁰⁰ ⁹⁰¹ ⁹⁰² ⁹⁰³ ⁹⁰⁴ ⁹⁰⁵ ⁹⁰⁶ ⁹⁰⁷ ⁹⁰⁸ ⁹⁰⁹ ⁹¹⁰ ⁹¹¹ ⁹¹² ⁹¹³ ⁹¹⁴ ⁹¹⁵ ⁹¹⁶ ⁹¹⁷ ⁹¹⁸ ⁹¹⁹ ⁹²⁰ ⁹²¹ ⁹²² ⁹²³ ⁹²⁴ ⁹²⁵ ⁹²⁶ ⁹²⁷ ⁹²⁸ ⁹²⁹ ⁹³⁰ ⁹³¹ ⁹³² ⁹³³ ⁹³⁴ ⁹³⁵ ⁹³⁶ ⁹³⁷ ⁹³⁸ ⁹³⁹ ⁹⁴⁰ ⁹⁴¹ ⁹⁴² ⁹⁴³ ⁹⁴⁴ ⁹⁴⁵ ⁹⁴⁶ ⁹⁴⁷ ⁹⁴⁸ ⁹⁴⁹ ⁹⁵⁰ ⁹⁵¹ ⁹⁵² ⁹⁵³ ⁹⁵⁴ ⁹⁵⁵ ⁹⁵⁶ ⁹⁵⁷ ⁹⁵⁸ ⁹⁵⁹ ⁹⁶⁰ ⁹⁶¹ ⁹⁶² ⁹⁶³ ⁹⁶⁴ ⁹⁶⁵ ⁹⁶⁶ ⁹⁶⁷ ⁹⁶⁸ ⁹⁶⁹ ⁹⁷⁰ ⁹⁷¹ ⁹⁷² ⁹⁷³ ⁹⁷⁴ ⁹⁷⁵ ⁹⁷⁶ ⁹⁷⁷ ⁹⁷⁸ ⁹⁷⁹ ⁹⁸⁰ ⁹⁸¹ ⁹⁸² ⁹⁸³ ⁹⁸⁴ ⁹⁸⁵ ⁹⁸⁶ ⁹⁸⁷ ⁹⁸⁸ ⁹⁸⁹ ⁹⁹⁰ ⁹⁹¹ ⁹⁹² ⁹⁹³ ⁹⁹⁴ ⁹⁹⁵ ⁹⁹⁶ ⁹⁹⁷ ⁹⁹⁸ ⁹⁹⁹ ⁹⁹⁹

taken in cases with the body ^{exposed} subject to a violent stoppage of perspirⁿ: from thin drapes - this morbid effect appears in ~~path~~ colic, and in a palsy of the extremities. -

There is a disease of the bowels known by the name of the ~~hia~~ hepatic which is seated in the upper intestines. It is accompanied with a pain but more frequent than the colic I have described. A vomiting generally attends it in which faeces are sometimes ejected which arises not from a rupture, but a relaxation of the valve of the Colon. Its causes & remedies are nearly the same as colic pictorum.

When white the disease is called the ^{Chyle} Cetica flux. — I have supposed this to be derived from the liver. The watery stools I have supposed likewise to be a secretion from the liver. + frequent discharge of mucus with ^{but} any mixture of bile or faeces from the bowels. Mr. Jamwick - M^r M^r M^r died with it. I have called it a Gonorrhœa of the bowels. Vogel calls it leucorrhœa - from its resembling flower blossoms in women.

again. - ^{This is called} the Aliment is discharged but little changed. ^{lastly} - pus or purulent mucus in one

Diarrhea

~~This affection of the bowels is the effect of loss of ability local & general.~~

Frequent stools with a pain sometimes of a burning nature, without fever. The stools are emaciated, - liquid. Dark colored, green and sometimes without any color. They are dark & green from a mixture of bile & white feces ^{and} watery. ~~A total absence of bile.~~ The stools occur either in the day or night, or during both day and night. Sometimes there is a +

I have before spoken of the Diarrhea of fever.

It remains only to speak of it in its chronic form.

~~It is~~ It is always ~~attended~~ preceded by indisposition which is attended with ~~general or local~~ debility. Enriched ex-
~~citement~~ citement is attracted to the bowels in consequence of their weakness,

✓ 2 acid, and putrid. Aliment, or Aliment
not habitual to a patient.

3 Draught purges.

4 worms. Other causes which induce it are

5 Obstructed Intestines, or mesenteric glands.

6 a want of excretion from the Liver, of hence
the white stools - in some cases of Dysentery.

7 Prenatal excretion from Liver - called

It is done by two occasions by the
Hepatitis, - or Inflammation of the liver. Indigestion being
absorption of gas from other parts
of the body of the bowels, and its effusion upon the
bowels.

8 By a discharge of the contents of the
abscess of the liver. ^{or of mesenteric glands.} & stand void -

9 The most of Janiss & Span's family

10 prenatal function & excretion of
Bile - Chyle - or water from the liver, for
when chyle is discharged - I have called the
Diabetes chylous intestinalis - when water
- Diabetes agenous intestinalis.

9

individually upon them
from impressions, or irritants acting upon
this other parts of the body. Sometimes it is excited
by local irritants. The irritants, ^{ch} act upon
the whole system. These ^{esp.} offensive odors,
fear & other passions of the mind. The
local ~~are bile~~ irritants which act directly upon
~~and deposited Aliment~~
the bow Alimentary Canal
& Bile. ✓
~~It is often a symptom of~~ Goat.

- ~~It is often occasioned by~~ In the
Southern States & West Indies it frequently
begins disease from most of its causes.
~~comes from this cause~~. It is called in
Virginia the downward Consumption. It
begins & continues for
months & years during the struggle between
the Veins & arteries in middle life.
- 2 ~~It is~~ Sailors are often afflicted with
it from cold, fatigue & bad Aliment.
- 3 Pregnant women are often afflicted with
it. 4 It sometimes follows Dysentery.
- 5 I have known it continue for 15, & 20

v It is remarkable even the stomach
performs its functions perfectly in
these chronic cases of Diarrhaea. Persons
even grow fat ⁱⁿ this disease on them. In
these cases I have supposed the Liver chiefly to be in fault.
+ Considering how much the diseases
of the head are relieved by a ~~strong~~ morbid
excitement in the bowels - would it
not be proper to excite a little morbid
excitement in the ~~head~~ to cure this
disease in the bowels by a strong dose of
Opium?

years without appearing to impair health?
Wm Smith - Mr Gates - the latter ^{died at} above 78
~~100~~. But it ^{seldom} often proves fatal
in a few years. ~~over~~

Respedies

from all its causes ^{the}

- 1 In all cases of plethora, ^{and} full & loose pulse - begin with U.S.: You saw its good effects in the Persian Sailor ⁱⁿ 1802 also in - Brown in 1804. 50 in Wm H. Rogers in 1808 Dr. Diderham commends it in high terms. I used it several times in Mrs. Howell's Case in 1803 also in Rossi in 1806. Dr. Lombard tested should be preferred for this purpose.
- 2 Purgs. Dr. Lombard tested should be

3 Vomits of Specina repeated 2 or 3 times a week. They determine to the skin, and counteract the enervated peristaltic motion of the bowels.

4 Opiates - These should be given in small doses in the day, & in such doses as prevent sleeping in the night. I have given to you this a gr. 2. Opiate of Tartar with pieces in this dosage. Dover powder is excellent. Promotes sweat.

+ Loaf sugar & Brandy - flour & brandy
Was in substance, or dissolved in milk by
means of the white of an egg. - Not vinegar
Environs à la R.

~~Lorris as Colman's root, guffie -
Rust of Iron - They remove the
the top part on which the cattiverup
depends.~~

✓ A Sheet of paper boiled in Hj
of milk and it in a Gent^r in
Maryland. After all the common
Remedies for this Disease had
been used to purpose. I knew.

I have known it to be too weak
in two persons by Lemonade, & much
made rich wth sugar stone juice.

med^d 12

5 Astringents - as, pulv: Creta with sal
Tinct of Loredanum - Tomentil root -
Pomegranates - Extract of Persianors -
Tinct from Sime - gallo. ~~3~~ water ³ Mixture
of cinamme ~~3~~ ^{water} spirit ~~1~~ ¹ spirit to ~~100~~
Strain it, & add brandy or spirit ~~100~~ ^a water
left, & sugar as much as will make a
Syrup of ^{the} w: give Colic tincture - port wine
large doses of white wine. Dr Johnson. # +
6 a Diet regulated by the state of the system
~~of the system~~ - if dark Col. stools attend
~~bilious~~ it should consist of Vegetables as Rice,
toasted - and in all its forms - boiled with
gruel of boiled flowers - Arrow root, ~~potato~~
toasted bread - biscuit - potatoes &c ^{white flour} If
green stools attend - animal & althaceous
Diet - as cheese - eggs - salt meat - fish ^{fowl} ~~beefs~~
and other cordial articles - particularly Porter.
Food difficult of digestion has sometimes curst it.
If constipation a morbid accumulation prevails
in the bowels. Here demulcent drinks as
flaxseed - & molasses tea - also mullein tea -

V Jos. Clark's nurse cured by sucking a
woman she went to nurse of a
Drunkard of 3 years continuance.

13

Diarrhoea - continued
commonly a ~~sympathetic~~ ^{affection} with Gum Arabic,
& one highly useful. I once knew this
of toast derives cured this disease pro-
bably only by dilution. ~~With~~ has had the
~~same effect~~ a diet of milk has cured it. ✓
8 Blister. These noble remedies act
powerfully in this disease. They often
cure in a few days, & when repeated
seldom fail of curing it in a few
weeks. They shd be applied to the wrists
and legs. Remembres Dr Shury's remark
of the skin & bowels acting like anti-
agonist muscles upon each other.

9 Glycerin - of starch - Broth - milk,
with Lard: also Glycer: 2s 1d $\frac{4}{5}$ 50
Dr Clark commands 2 oz: in
Glycerin to exert a new action in the

+ which is often the case in this disease — perhaps always in women
elimates. It is no sign that this has
~~not~~ been the case — when the liver ex-
hibits no ^{nor the skin of bite.} mark of disease a simple
morbid excitement is sufficient to induce
the Hypatia flux. ~~was~~ Gould's case. It
should ^{always} be suspected where the functions of
the stomach are unimpaired. —

✓ It ~~was~~ was followed by a series
of haemorrhages in Rovier in 1806 Feb:

bowels. Most proper ¹⁴ in Governorship of ¹⁵ Colonies.

10 - The warm Bath. Dr Tilton used to cure the Diarrhoea of soldiers with the Remedy. The Vapor Bath may be used instead of it.
11 The Cold Bath. Dr Young was cured by it.

12 a Salivation. This is commanded by Dr Clark. It succeeded in a sailor in 1801 in the hospital ~~where~~ after Blister & all ^{It succeeded in} Browne in 1804.5. Other Remedies had been used to no purpose. It is more especially useful when the liver is affected.
13 ~~absolute~~ Change of Residence. It has been induced by bad water, & by ^a ~~prolonged~~ offensive privies. By removing from both, a cure has sometimes been effected. But the chief benefit of a Change of Residence is derived ~~from~~ ^{from} a Change of Air.

14 a sea Voyage. 15 a warm Climate.
16 existing the Action of the Arterial System. I have twice known it cured by an accidental plimsey, & that too in a single night after 3 months continuall.

18 Bandages & Rollers about the
Bowels, so as to ~~compress~~^{stimulate} the
intestines by the action of the
Abdominal muscles on them.

The Egyptian Remedy. Helped
Thompson, & cured Mrs Howell in 1803.

— 19 Dr Lasy of M. Larotina informed
me in a letter rec'd from him in 1808
that it was accidentally cured in one
of his patients by a brush over the sole
of his feet.

20 as the liver is often affected in
this disease, what would be the effect
of a cathartick applied to it? —
21 what would be the effect of

15

It may be done by mustard emboiling
water applied to the skin.

17 warm dress, especially to the bowels & feet.

✓ All the existing causes before immu:
should be carefully avoided. When Diarrhoea
arises from worms - they should be dislodged
- when from Gout - great pains shd be
taken to drive it to the feet by fumulants
applied to them particularly to the great
toe.

1 It is a sign of convalescence when
faeces are discharged before Wind from
in going to stool - & vice versa when

2 Wind precedes the discharge of faeces
and eruptions are favourable. — or typhus
When this disease proves fatal, an inert state
of the bowels often takes place which I shall

call Spatyia. ~~for~~ Diarrhoea. It would
seem as if external and intestinal sensi-
tive & nervous fibres were upon

intoxication - upon the principle
formerly mentioned in speaking
of Opium? That is - exciting a much
stronger action in the brain? tuberculosis

22 Dr Bonet recommends the application
of Astringents to the soles of the feet. He
supposes they contract the capillaries by
their sympathy with the soles of the feet.
turn back to p: 15 =

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a foisting in lessening their irritability
and sensibility by the long duration
of disease. ~~and it would seem further~~
~~as if better Disease, thus induced a~~
temporary, or a premature old age,
for what is old age - but ^{ridiculed} weariness
and capsized excitability, or a state
which I have called Friction,
or a universal palsy - if I may
be allowed to coin a word to express
the torpor and stupor of the nervous
and muscular parts of the whole
system. —

